

FIG. 1
PRIOR ART

40

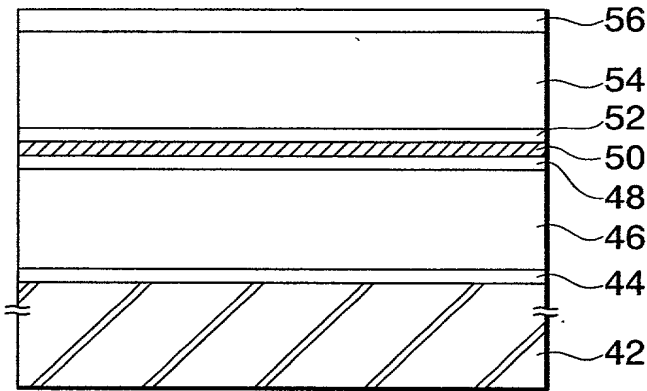


FIG. 2

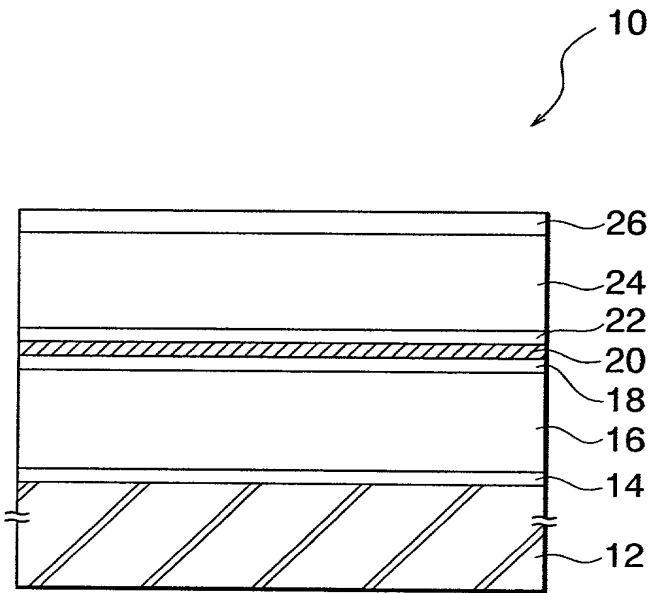


FIG. 3

30

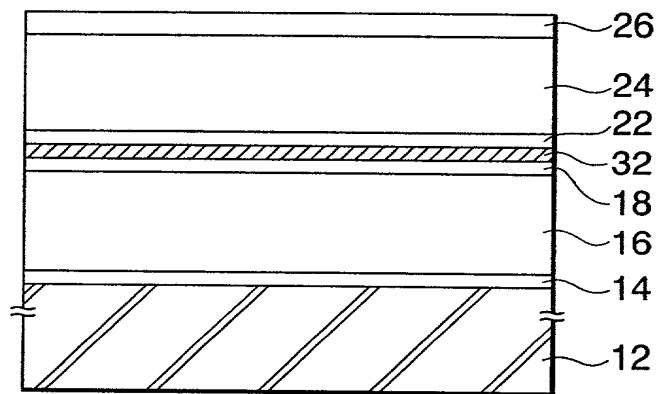


FIG. 4

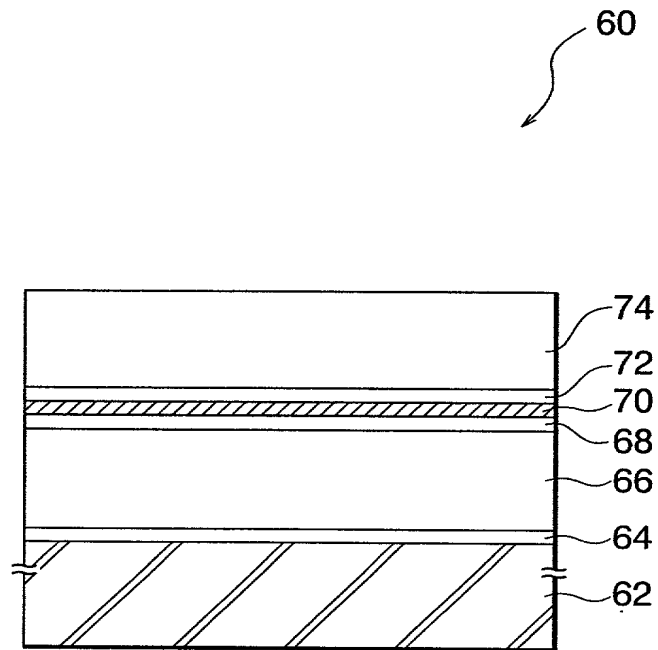


FIG. 5

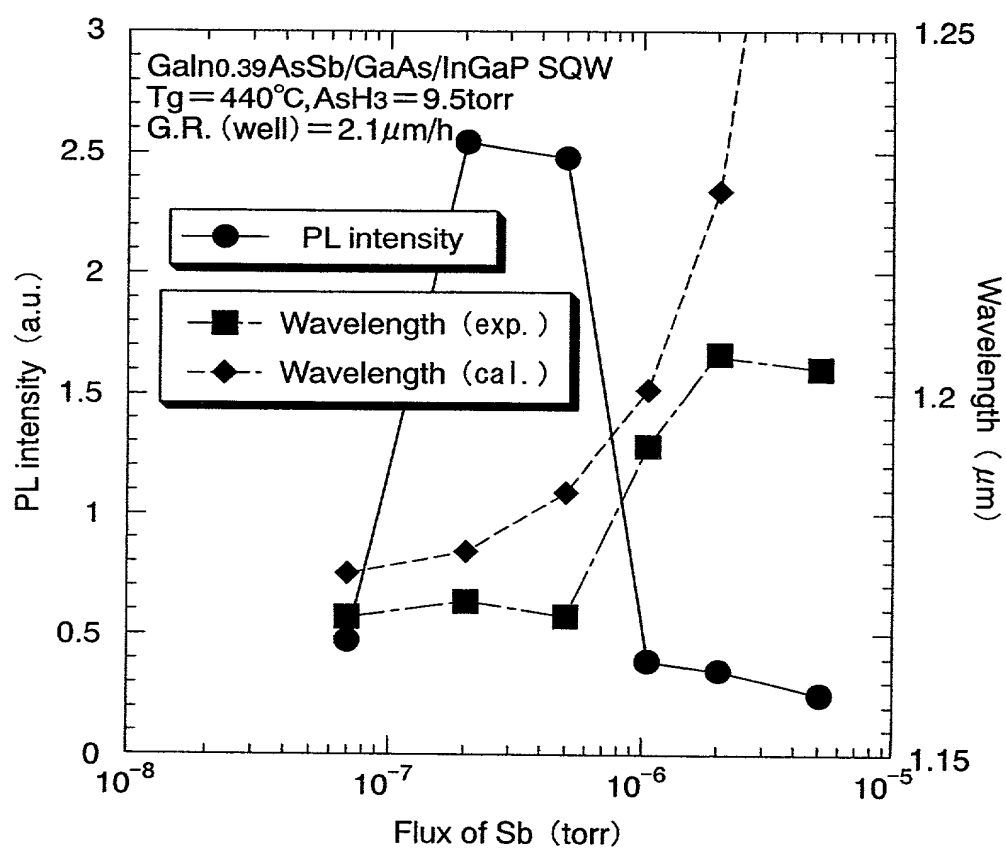


FIG. 6

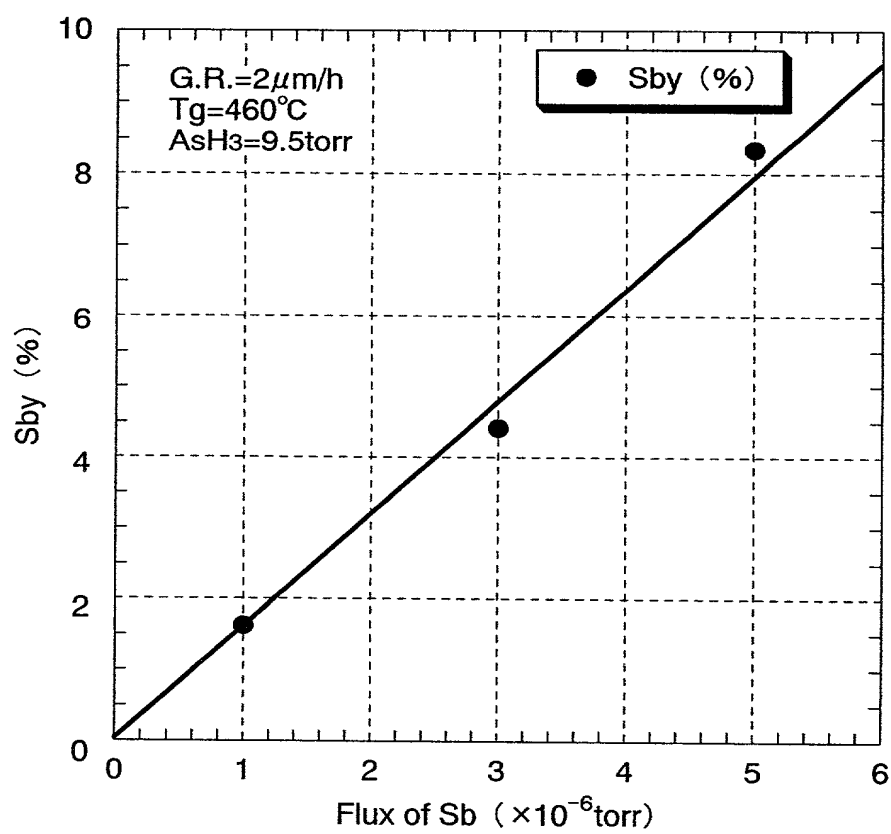


FIG. 7

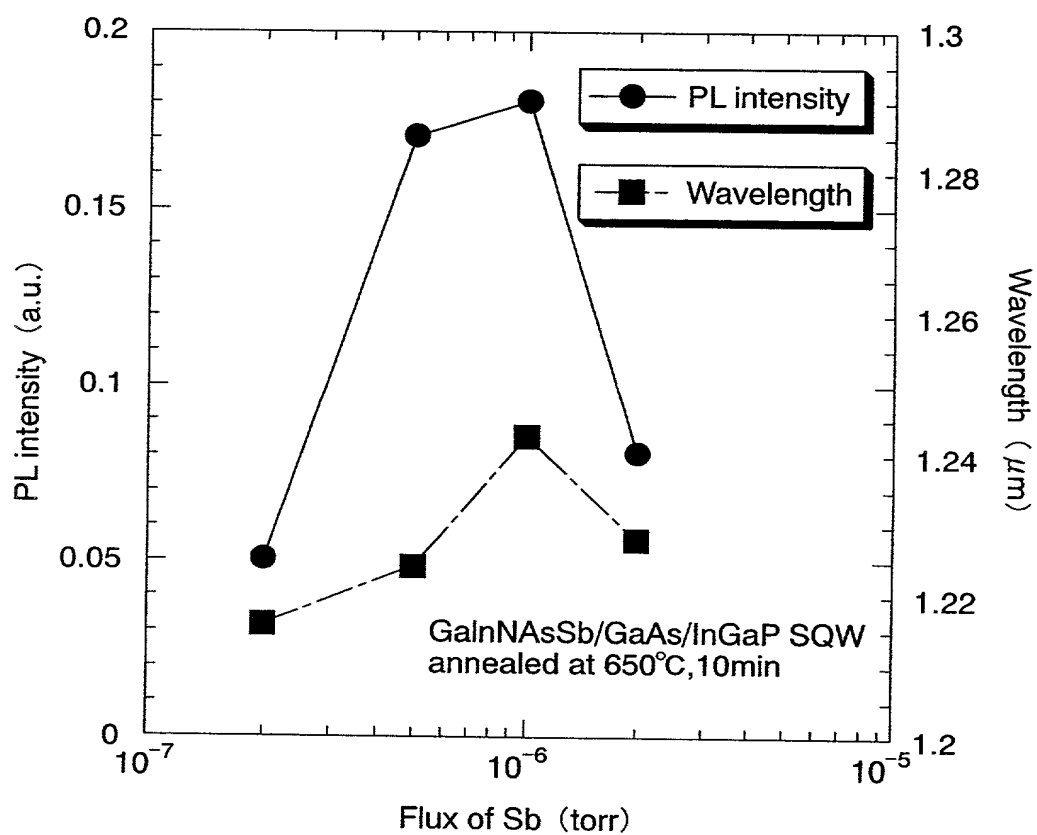


FIG. 8A

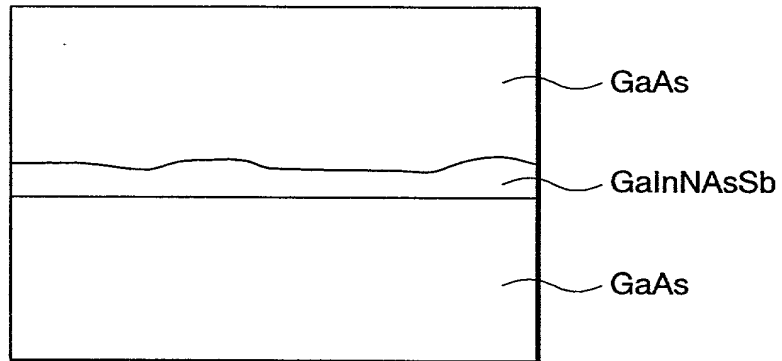


FIG. 8B

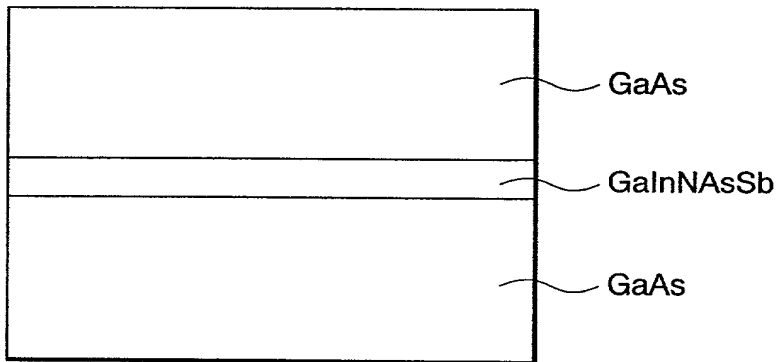
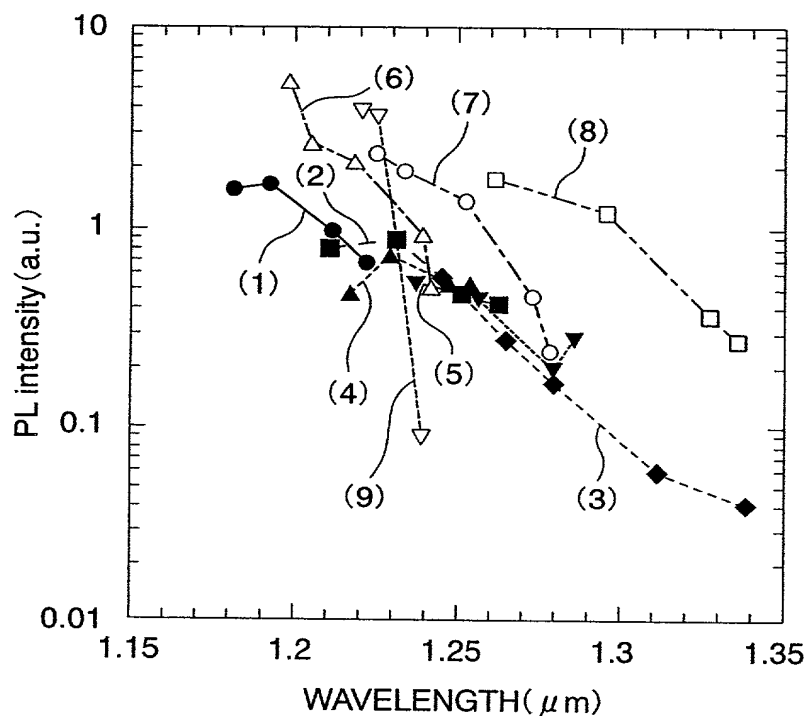
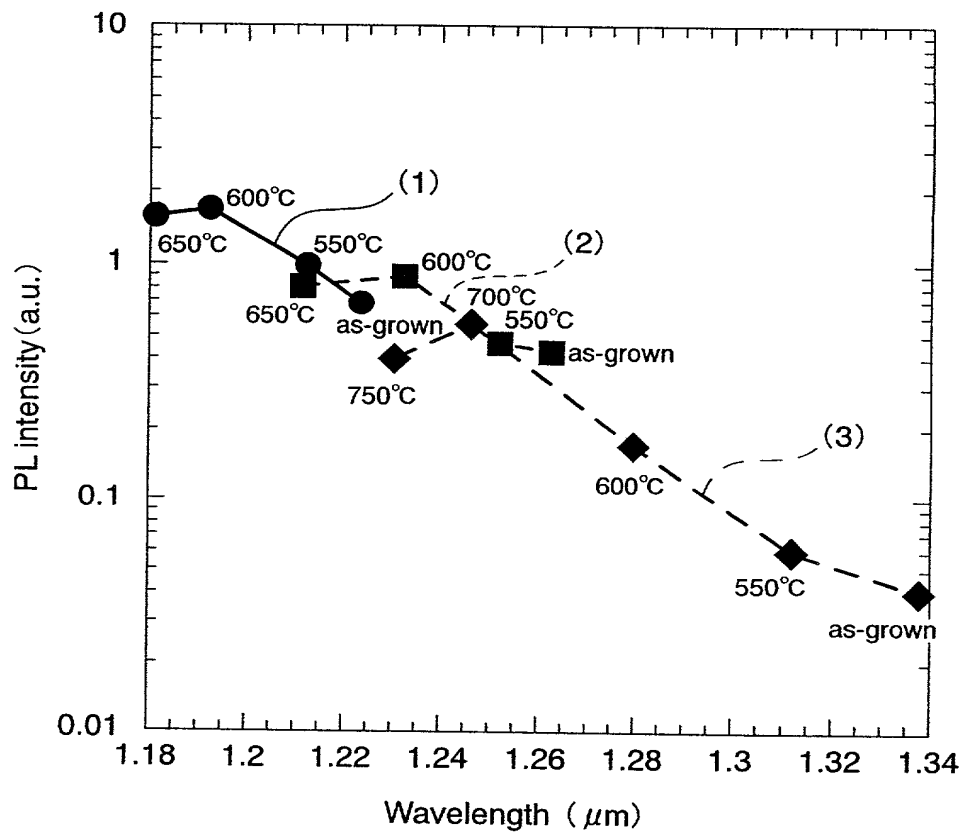


FIG. 9



- | | | |
|-----|---|--------------------------------|
| (1) | ● | In37% N=0.05ccm, GaAs barrier |
| (2) | ■ | In37% N=0.10ccm, GaAs barrier |
| (3) | ◆ | In37% N=0.15ccm, GaAs barrier |
| (4) | ▲ | In39% N=0.05ccm, GaAs barrier |
| (5) | ▼ | In39% N=0.10ccm, GaAs barrier |
| (6) | △ | In37% N=0.05ccm, GaNAs barrier |
| (7) | ○ | In37% N=0.10ccm, GaNAs barrier |
| (8) | □ | In37% N=0.15ccm, GaNAs barrier |
| (9) | ▽ | In39% N=0.05ccm, GaNAs barrier |

FIG. 10



- (1) —●— In37%, N=0.35%, GaAs barrier
- (2) —■— In37%, N=0.63%, GaAs barrier
- (3) —◆— In37%, N=0.90%, GaAs barrier

FIG. 11

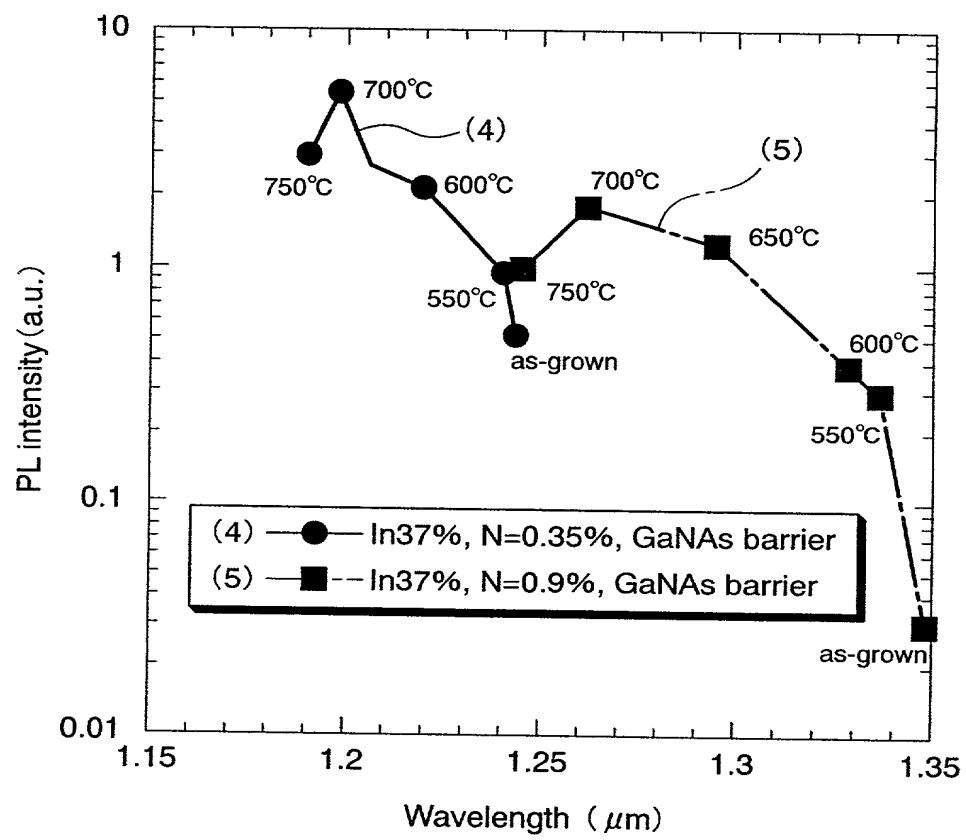


FIG. 12

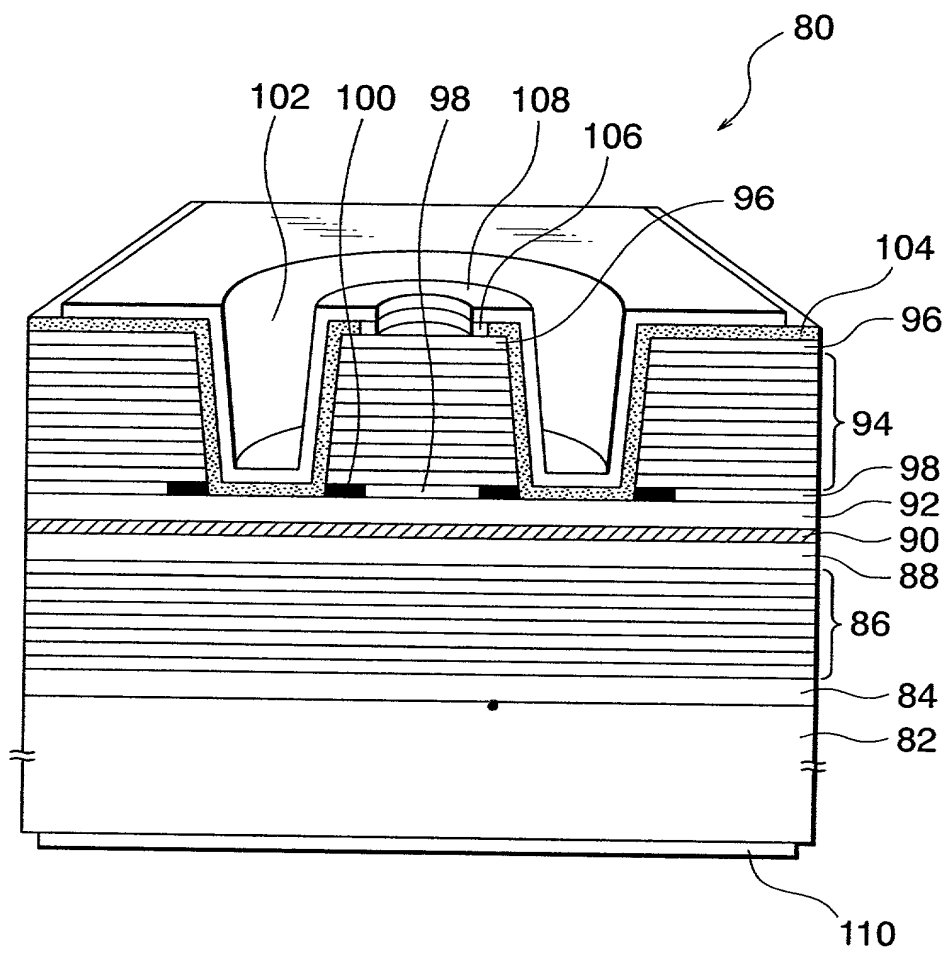


FIG. 13

